

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

SAKUTH, *ET AL.*

Group Art Unit: Unassigned

Application Serial No.: Unassigned

Examiner: Unassigned

Filed: August 6, 2003

Title: DEALUMINIZED CATALYST CARRIER, METHOD OF PRODUCTION, AND PROCESS FOR
HYDRATING C₂ OR C₃ OLEFINS

August 6, 2003

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INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.96, 1.97, and 1.98, the applicants request consideration of the documents listed on Form PTO-1449 attached herewith. Copies of the documents listed were submitted in U.S. Patent Application Serial No. 09/720,785, filed May 31, 2001.

The applicants do not waive any rights to appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

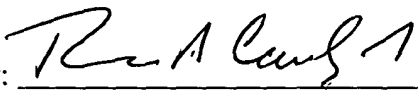
This Information Disclosure Statement is intended to be fully compliant with 37 C.F.R. §§1.56, 1.96, and 1.97. Should the examiner find any part of its required content to have been omitted, the applicants earnestly solicit prompt notice to that effect, along with additional time under 37 C.F.R. §1.97(f), to enable the applicants to comply fully.

The applicants respectfully request making the cited documents of record in the prosecution of the above-captioned application.

As these references are submitted prior to the issuance of the first official action, the applicants believe that no fee is due. If a fee is required, it may be charge to our Deposit Account No. 03-3975 under Order No. 021123-0305319.

Respectfully submitted,

PILLSBURY WINTHROP LLP

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

2

Complete if Known

Application Number	
Filing Date	08/06/2003
First Named Inventor	Sakuth et al.
Art Unit	
Examiner Name	
Attorney Docket Number	021123-0305404

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,208,195	05/1993	Schlueter et al.	
		US- 4,808,559	02/1989	Sommer, et al.	
		US- 4,581,215	04/1986	Kaeding, Warren W.	
		US- 5,366,948	11/1994	Absil et al.	
		US- 5,288,739	02/1994	Demmel, Edward J.	
		US- 4,548,914	10/1985	Chu, Chin-Chiun	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 1 306 141	02/1973	England		
		DE 1 156 772	11/1963	Germany		
		EP 0 503 229	09/1992	Europe		
		EP 0 283 649	09/1988	Europe		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	08/06/2003
		First Named Inventor	
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	021123-0305404

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		English language abstract of EP 0 503 229	
		English language abstract of EP 0 283 649	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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